



**STATE OF TENNESSEE  
DEPARTMENT OF TRANSPORTATION  
ENVIRONMENTAL DIVISION**  
Suite 900 - James K. Polk Building  
505 Deaderick Street  
Nashville, Tennessee 37243-0334

MEMORANDUM

TO: Files

FROM: Joe W. Matlock, Transportation Planner, Region IV  
NEPA Documentation Office

DATE: September 17, 2009

SUBJECT: Programmatic Categorical Exclusion  
Congestion Mitigation and Air Quality Improvement Program – Year 2  
City of Memphis, Shelby County, Tennessee  
Federal Project Number CM-STP-9409(42)  
State Project Number 79958179994 PIN 040717

The City of Memphis is requesting that the above referenced project be classified as a categorical exclusion based on the environmental review required by the National Environmental Policy Act (NEPA). The City's findings are attached.

**Project Purpose**

The purpose of the "CMAQ Signal Coordination - Year 2" project is to reduce delays for major street vehicular traffic, improve intersection operation efficiency, and improve air quality. The project will interconnect a total of 66 existing traffic signals on various corridors in the City of Memphis. Coordinated traffic signal timings will be implemented as part of the project to increase green band and reduce number of stops on major streets. The proposed signal system will also allow the City to monitor, diagnose, and maintain local traffic controller operations from the City Hall and the Traffic Signal Maintenance Department. Air quality improvements are expected due to reduced delays in peak hour.

**Project Description**

The City of Memphis is proposing improvements to traffic control signals along various corridors funded through the Congestion Mitigation and Air Quality Improvement Program. The project consists of interconnecting a total of 66 existing traffic signals in the City of Memphis. Typical improvements include installing fiber optic communication cables, interconnecting existing signal controllers, installing non-intrusive system detectors, replacing signal control equipment and cabinets, and retiming of existing signals.

The project locations are:

**Lamar Avenue from Semmes Street to Winchester Road  
Winchester Road from Lamar Avenue to Perkins Road  
Perkins Road from Poplar Avenue to Winchester Road  
Perkins Extended from Poplar Avenue to Perkins Road  
Southern Avenue from Goodlett Street to Perkins Road  
Poplar Avenue from Perkins Extended to Kirby Parkway  
Ridgeway Loop Road from Poplar Avenue to Ridgeway Center Parkway  
Germantown Parkway from Wolf River Boulevard to US 64**

The Environmental Division has reviewed the proposed project for compliance with environmental laws and regulations. The project as proposed will not directly, indirectly or cumulatively have any significant environmental impacts. It is our determination that this project complies with the September 2007 Programmatic Categorical Exclusion agreement with the Federal Highway Administration (FHWA). The attached file documents this finding.

JWM/jwm  
Enclosures

CC: TDOT HQ Staff  
TDOT Regional Staff  
TDOT Environmental Division Staff  
Mr. Ronnie Porter